

Date: Monday, 5/1/2006 3:58:43 PM
 User: Kim Johnston

Process Sheet

19

Customer : CU-DAR001 Dart Helicopters Services Drawing Name : 13-MAN SHOULDER HARNESS KIT (4 POINT)
 Job Number : 26883
 Estimate Number : 10391
 P.O. Number : N/A Part Number : D412702021
 This Issue : 5/1/2006 S.O. No. : N/A Drawing Number : N/A
 Prsht Rev. : NC Project Number : N/A
 First Issue : N/A Type : SMALL /MED FAB Drawing Revision : N/A
 Previous Run : 26073 Material : N/A
 Written By : SKR (COMMENT: Rework) Due Date : 5/12/2006 Qty: 4 Um: Each
 Checked & Approved By : 06.05.02
 Comment : Est Rev:B Removed Manufacturing 05-11-08 JLM
 Est Rev:C 06.04.03 As per DSI9324 JLM

Additional Product

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 DC DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Photocopy bluefile and create labels per PPP D412-702-021 CHG001

KT 06-05-08 (4)

2.0 PACKAGING 1 PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Pick Packing Kit

3.0 D3195041 Bracket Assembly



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Pick: Packing Kit]

Qty Part Number Description Batch

2 D3195-041 Bracket

b26081 ✓

4.0 D3195043 Bracket Assembly



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Pick: Packing Kit]

Qty Part Number Description Batch

2 D3195-043 Bracket

b26050 x2 (4) ✓ b26303 x2 (4) ✓

5.0 D31961 Bar



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick: Packing Kit]

Qty Part Number Description Batch

b25879 p16

06/05/29

4

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 5/1/2006 3:58:43 PM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: 13-MAN SHOULDER HARNESS KIT (4 POINT)

Job Number: 26883

Part Number: D412702021

Job Number:



Seq. #:

Machine Or Operation:

Description :

1 D3196-1

Bar

25849 ✓

6.0

D31963

Bar



Comment: Qty.: 1.0000 Each(s)/Unit Total: 4.0000 Each(s)

Pick: Packing Kit]

Qty Part Number Description Batch

1 D3196-3

Bar

B26930 ✓

7.0

D31964

Bar



Comment: Qty.: 1.0000 Each(s)/Unit Total: 4.0000 Each(s)

Pick: Packing Kit]

Qty Part Number Description Batch

1 D3196-4

Bar

B24131 x 1 ✓

B26889 x 3 ✓ ^{AR} 06/05/29

8.0

D3197041

Bar Assembly



Comment: Qty.: 2.0000 Each(s)/Unit Total: 8.0000 Each(s)

Pick: Packing Kit]

Qty Part Number Description Batch

2 D3197-041

Bar

B25939B ✓

9.0

D31981

Fitting



Comment: Qty.: 4.0000 Each(s)/Unit Total: 16.0000 Each(s)

Pick: Packing Kit]

Qty Part Number Description Batch

4 D3198-1 ✓

Fitting

B25486 ✓

10.0

D32681

Placard



Comment: Qty.: 2.0000 Each(s)/Unit Total: 8.0000 Each(s)

Pick: Packing Kit]

Qty Part Number Description Batch

2 D3268-1

Placard

B26338 ✓

06/05/29

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 5/1/2006 3:58:43 PM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: 13-MAN SHOULDER HARNESS KIT (4 POINT)

Job Number: 26883

Part Number: D412702021

Job Number:



Seq. #:

Machine Or Operation:

Description :

11.0

D3446041

Harness Assembly



Comment: Qty.: 9.0000 Each(s)/Unit Total : 36.0000 Each(s)

Pick: Packing Kit]

Qty Part Number Description Batch

9 D3446-041

Harness Assembly

625598 ✓

12.0

D3446043

Harness Assembly



Comment: Qty.: 4.0000 Each(s)/Unit Total : 16.0000 Each(s)

Pick: Packing Kit]

Qty Part Number Description Batch

4 D3446-043

Harness Assembly

625176 ✓

13.0

AN45A

Bolt



Comment: Qty.: 4.0000 Each(s)/Unit Total : 16.0000 Each(s)

Pick: Packing Kit]

Qty Part Number Description Batch

4 AN4-5A

Bolt

M100089 ✓

14.0

AN413A

Bolt



Comment: Qty.: 4.0000 Each(s)/Unit Total : 16.0000 Each(s)

Pick: Packing Kit]

Qty Part Number Description Batch

4 AN4-13A

Bolt

M100564 13mcp ✓
M101149 3mcp ✓

15.0

AN420A

Bolt



Comment: Qty.: 8.0000 Each(s)/Unit Total : 32.0000 Each(s)

Pick: Packing Kit]

Qty Part Number Description Batch

8 AN4-20A

Bolt

M14855 ✓

16.0

AN960JD416

Washer



Comment: Qty.: 20.0000 Each(s)/Unit Total : 80.0000 Each(s)

Pick: Packing Kit]

Qty Part Number Description Batch

20 AN960JD416

Washer

M100975 ✓

06/05/29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: LD Date: 06/06/07
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 5/1/2006 3:58:44 PM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: 13-MAN SHOULDER HARNESS KIT (4 POINT)

Job Number: 26883

Part Number: D412702021

Job-Number:



Seq. #:

Machine Or Operation:

Description :

17.0

MS21042L4

Nut



Comment: Qty.: 12.0000 Each(s)/Unit Total : 48.0000 Each(s)

Pick: Packing Kit]

Qty Part Number Description Batch

12 MS21042L4

Nut (or -4)

M19085 V

18.0

MS24694S152

Screw



Comment: Qty.: 8.0000 Each(s)/Unit Total : 32.0000 Each(s)

Pick: Packing Kit]

Qty Part Number Description Batch

8 MS24694-S152

Screw

M100680 ✓

19.0

MS24694S154

SCREW



Comment: Qty.: 8.0000 Each(s)/Unit Total : 32.0000 Each(s)

SCREW

Batch: M100680 ✓

06/05/29

20.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

21.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D412-702-021

Location: FG16

Rev A

06/06/05 (4)

22.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Inspection Level 21

06/06/06 (4)

Job Completion



W 06/06/06

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 12/10/2006 2:56:32 PM
User: Linda Lacelle

Process Sheet

Customer : CC-DAR01 Dart Aerospace Ltd.	Drawing Name : D412-702
Job Number : 28952	
Estimate Number : 10804	
P.O. Number : N/A	Part Number : Z_CUSTOM
This Issue : 12/10/2006 S.O. No. : N/A	Drawing Number : UPDATE PAPERWORK
Prsht Rev. : NC	Project Number : N/A
First Issue : N/A Type : OVERHEAD	Drawing Revision : N/A
Previous Run : 00015	Material : N/A
Written By : _____	Due Date : 19/10/2006 Qty: 1 Um: Each
Checked & Approved By : _____	
Comment : _____	

Additional Product

Job Number: 

Seq. #:	Machine Or Operation:	Description :
1.0	PACKAGING 1	PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1
REMOVE KITS FROM STOCK
D412-702-011

0 D412-702-013 3X
 4 D412-702-021 B268830 B25853 1X
 5 D412-702-023 B2576520 B26074 3X
 2 D412-702-033 1X B27935V
 ADD NEW PAPERWORK DSI 9354 REV.A

Rec'd 10/20

2.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1
RETURN TO STK

Rec'd 10/20

3.0	QC21	FINAL INSPECTION/W/O RELEASE
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Comment: FINAL INSPECTION/W/O RELEASE

21
06/10/26

Job Completion 

U Do. W. 26

Date: Thursday, 28/09/2006 2:25:22 PM
 User: Linda Lacelle

Process Sheet

Customer : CC-DAR01 Dart Aerospace Ltd.	Drawing Name : D412-702	
Job Number : 28754		
Estimate Number : 10804		
P.O. Number : <i>N/A</i>	Part Number : Z_CUSTOM	<i>ECN 850 Attached</i>
This Issue : 28/09/2006 S.O. No. : <i>N/A</i>	Drawing Number : UPDATE PER DSI 9351A	
Prsht Rev. : NC	Project Number : <i>N/A</i>	
First Issue : <i>N/A</i> Type : OVERHEAD	Drawing Revision : <i>N/A</i>	
Previous Run : 00015	Material : <i>N/A</i>	
Written By : _____	Due Date : 05/10/2006	Qty: 20 Um: Each
Checked & Approved By : <i>[Signature]</i>		
Comment : _____		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

REMOVE KITS FROM STOCK:

1 D412-702-011 B *PAS 1 removed*

D412-702-013 B

D412-702-015 B

D412-702-017 B

4 D412-702-021 B *B26553 3x B25553*5 D412-702-023 B *25765 2x B26014 3x*✓ D412-702-025 B *26075 2x B25444 1x B25766 1x B27249 2x ⑥*D412-702-027 B *Q*~~D412-702-031 B~~*035 B 26201 2 ①*~~D412-702-033 B~~
P. 4/1/05

2.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

ADD TO KITS IN STOCK

NEW PAPERWORK

DSI 9351-A

P. 4/1/05

Process Sheet

Customer : CC-DAR01 Dart Aerospace Ltd.
Job Number : 29986
Estimate Number : 10804
P.O. Number : N/A
This Issue : 15/12/2006 S.O. No. : 001
Prsht Rev. : NC
First Issue : N/A Type : MACHINED PARTS
Previous Run : 00015
Written By :
Checked & Approved By :
Comment :

Drawing Name : D3196-1
Part Number : D31961
Drawing Number : REWORK-ECN871
Project Number : N/A
Drawing Revision : N/A
Material : N/A
Due Date : 22/12/2006
Qty: 16 Um: Each

Additional Product

Job Number:



Seq. #: Machine Or Operation:

Description :

1.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

-REMOVE FROM STOCK:

D3196-1 325848 8X

325108 1X

325100 1X

frankets
(1-X)

D412-702-021 326883 3X

325853 1X

D412-702-023 326074 3X

325705 2X

D412-702-033 327935 1X

(AND FROM WIP)

D412-702-011

2.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

REMOVE ALL D3196-1'S FROM KITS

3.0

D31961

Bar



Comment: Qty.: 1.0000 Each(s)/Unit Total: 18.0000 Each(s)
Bar

4.0

MILLING CONV.

CONVENTIONAL MILLING MACHINE



Comment: CONVENTIONAL MILLING MACHINE

REWORK D3196-1

PER ECN 871

06/12/18

16

Date: Friday, 15/12/2006 9:48:32 AM
 User: Linda Lacelle

Process Sheet

D412-702-021 B26883

Customer : CC-DAR01 Dart Aerospace Ltd.
 Job Number : 29986
 Estimate Number : 10804
 P.O. Number : N/A
 This Issue : 15/12/2006 S.O. No. : N/A
 Prsht Rev. : NC
 First Issue : N/A Type : MACHINED PARTS
 Previous Run : 00015
 Written By :
 Checked & Approved By :
 Comment :

Drawing Name : D3196-1
 Part Number : D31961
 Drawing Number : REWORK-ECN871
 Project Number : N/A
 Drawing Revision : N/A
 Material : N/A
 Due Date : 22/12/2006

Qty: 16 Um: 18 Each

Additional Product

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 PACKAGING 1 PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

-REMOVE FROM STOCK:

D3196-1 B25848 8X B25108 1X B25100 1X frank's (10X)
 D412-702-021 B26883 3X B25853 1X (4)
 D412-702-023 B26074 3X B27225 1X B25705 2X (5)
 D412-702-033 327 935 1X (1)
 (AND FROM WIP)
 D412-702-011

2.0 PACKAGING 1 PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

REMOVE ALL D3196-1'S FROM KITS

3.0 D31961 Bar



Comment: Qty.: 1.0000 Each(s)/Unit Total: 18.0000 Each(s)
 Bar

4.0 MILLING CONV. CONVENTIONAL MILLING MACHINE



Comment: CONVENTIONAL MILLING MACHINE

REWORK D3196-1
 PER ECN 871

06/12/18

16

Date: Thursday, 12/10/2006 2:56:32 PM
User: Linda Lacelle

Process Sheet *D412-702-021 B26803*

Customer : CC-DAR01 Dart Aerospace Ltd.	Drawing Name : D412-702
Job Number : 28952	
Estimate Number : 10804	
P.O. Number : <i>N/A</i>	Part Number : Z_CUSTOM
This Issue : 12/10/2006 S.O. No. : <i>N/A</i>	Drawing Number : UPDATE PAPERWORK
Prsht Rev. : NC	Project Number : <i>N/A</i>
First Issue : <i>N/A</i> Type : OVERHEAD	Drawing Revision : <i>N/A</i>
Previous Run : 00015	Material : <i>N/A</i>
Written By : _____	Due Date : 19/10/2006 Qty: 1 Um: Each
Checked & Approved By : _____	
Comment : _____	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1
REMOVE KITS FROM STOCK
D412-702-011

8 D412-702-013 *3X /*

4 D412-702-021 *B268830 B25853 1X*

5 D412-702-023 *B2576520 B26074 3X*

2 D412-702-033 *1X B27935*

ADD NEW PAPERWORK DSI 9354 REV.A

Pack/ps

2.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1
RETURN TO STK

Pack/ps

3.0	QC21	FINAL INSPECTION/W/O RELEASE
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Comment: FINAL INSPECTION/W/O RELEASE

06/10/26

Job Completion



U Do. W. 26

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD		Amendment Design Review (ADR) Yes/No: Yes	ECN #: 859
Date: 06.09.27		ADR Date: 06.09.21	
Job No: 00064	Created By: <i>JS</i>	Checked By:	
Product No: D3196 (REF. D412-702)	Approved By:	Approved By:	
Product Name: SHOULDER HARNESS BAR	(Proj. Manager)	(Management if reqd)	

Documents Affected:

RELEASE D3196 REV. B, DSI 9354 REV. A

#	Engineering Actions	Yes	No	Responsible	To happen by:	Complete
1	Required Documents/Drawings Under Review?	X		MB	06.09.25	06.09.25 <i>JS</i>
2	Update Blue/Pink Folder/Electronic File	X		KJ	06.10.16	06.10.12 <i>JS</i>
3	Update DSI Folder/Electronic File	X		KJ	06.10.16	06.10.12 <i>JS</i>
4	Update D-Part Master Binder	X		KJ	06.10.16	06.10.12 <i>JS</i>
5	Update Grey Project Binder	X		MB/KJ	06.10.16	06.10.12 <i>JS</i>
6	Update DEO/DSI Binder	X		KJ	06.10.16	06.10.12 <i>JS</i>
7	Update Master Document List (MDL)	X		KJ	06.10.16	06.10.12 <i>JS</i>
8	Update Document Record (DR)	X		KJ	06.10.16	06.10.12 <i>JS</i>
9	Update Change Record Form		X			
10	Move Electronic File	X		KJ	06.10.16	06.10.12 <i>JS</i>
11	Notify TC of Change		X			
12	Notify FAA of Change		X			
13	Update QSI 021 (TC/FAA STC)		X			
14	Update QSI 036 (K-Kits)		X			
15	Update Accpac Database	X		KJ	06.10.16	06.10.12 <i>JS</i>
16	Update Access Database	X		KJ	06.10.16	06.10.12 <i>JS</i>
17	Verification ARC		X			
18	Update STC Approval List		X			
19	Update Product Development Summary		X			
20	Create/Update COSS (Estimate/BOM)	X		EC/JML	06.10.16	
21	Create/Update PPP's		X			
22	Update Paperwork Kits in Production	X		KJ/LL	06.10.16	
23	Update Paperwork Kits in Stock	X		KJ/LL	06.10.16	<i>JS</i>
24	Red Tag Stock with old CHG #		X			
25	Rework/Scrap Current Production		X			
26	Rework/Scrap Kits in Stock?		X			
27	Update Qpulse/Laminated Dwgs		X			
28	Create/Update Controlled PDF Files	X		KJ	06.10.16	06.10.12 <i>JS</i>
29	Create/Update FAI sheets	X		EC/JLM	06.10.16	
30	Create/Update CNC Programs	X		EC/JLM	06.10.16	
31	Create/Update Tooling	X		EC/JLM	06.10.16	
32	MPP required?		X			
33	Notify Previous Customers		X			
34	Notify Eurocopter France		X			
35						
36						

Description / Action:

- * CREATE D3196-5 IN COSS.
- * CREATE PROGRAM FOR D3196-5 (NOTE: NO CHANGES TO D3196-1/-3/-4).
- * CREATE FAI SHEET FOR D3196-5 (NOTE: NO CHANGES TO D3196-1/-3/-4).
- * UPDATE PAPERWORK FOR D412-702-011/-013/-021/-023/-033 KITS IN PRODUCTION/IN STOCK
- * CHANGE NUMBER FOR ABOVE KITS IS NOT AFFECTED.

- 011 → 2 in Prod (B28875)

- 013 → 0

- 021 → 4 IN STOCK

- 023 → 5 IN STOCK

- 033 → 2 IN STOCK *JS*

DSI 9354 Rev. A.

ECN Complete: _____